



CONGRESSIONAL HEARING RESUME

106th Congress

Date: 8 March 2000

SUBJECT: Information Assurance and Critical Infrastructure Protection

COMMITTEE: House Armed Services Committee, Research and Development & Readiness Subcommittees

CHAIRMEN: CM Curt Weldon (PA)
CM Herb Bateman (VA)

**MEMBERS
PRESENT:**

REPUBLICANS

CM Terry Everett (AL)
CM John McHugh (NY)
CM Don Sherwood (PA)

DEMOCRATS

CM Solomon Ortiz (TX), Ranking
CM Silvestre Reyes (TX)
CM Jim Turner (TX)
CM Vic Snyder (AR)
CM James Maloney (CT)
CM Gene Taylor (MS)
CM Mike McIntyre (NC)
CM John Spratt (SC)
CM Robert Andrews (NJ)
CM Adam Smith (WA)
Del Robert Underwood (GU)

WITNESSES: Briefing (Closed Session)
The Honorable Arthur L. Money, Assistant Secretary of Defense
(Command, Control, Communications and Intelligence)
MG John H. Campbell, Vice Director, Defense Information Systems
Agency; Commander, Joint Task Force-Computer Network
Defense

PANEL II: Critical Information Protection and the National Plan for Information Systems Protection

Mr. John S. Tritak, Director, Critical Infrastructure Assurance Office

The Honorable Neal F. Lane, Assistant to the President for Science and Technology and Director, Office of Science and Technology Policy

The Honorable Arthur L. Money, Assistant Secretary of Defense
(Command, Control, Communications, and Intelligence)

PANEL III: Department of Defense Information Assurance: Policy, Program, and Supporting Programs of the Military Departments and Defense Agencies

The Honorable Arthur L. Money, Assistant Secretary of Defense
(Command, Control, Communications, and Intelligence)

Lt Gen John L. Woodward, Director, Command, Control, Communications & Computer Systems, The Joint Staff

LTG William H. Campbell, Director, Information Systems for Command, Control, Communications, and Computers, Department of the Army

RADM Richard W. Mayo, Director, Space, Information Warfare, Command and Control, Department of the Navy

Lt Gen William J. Donahue, Director, Headquarters Communications and Information, Department of the Air Force

BG Robert M. Shea, Assistant Chief of Staff for Command, Control, Communications, Computers and Intelligence, United States Marine Corps

Information contained in this resume was obtained during an open hearing. It will not be released outside of the Department of Defense (DoD) agencies until published hearing transcripts have been released by the Committee, and only to the extent it is in accord with published hearing procedures.

Prepared by: Lt Col Troy Hithe **Date:** 8 Mar 00 **Phone:** 697-6711

Hearing Started at 1420

Executive Summary

- The hearing was divided into three panels: panel one was comprised of Mr Art Money and MG John Campbell and was a closed session; panel two was comprised of Mr Money, Mr John Tritak, and Mr Neal Lane; panel three was made up of Mr Money, Lt Gen William Donahue, Lt Gen John Woodward, LTG William Campbell, RADM Richard Mayo, and BG Robert Shea. Panels two and three were in open session.
- Mr Money and LTG Campbell, during panel one, spoke of the threat to DoD information systems as DoD currently sees it. They discussed the spectrum of the threat and gave their views on the existing threat level. They stated that DoD had made significant progress towards improving information assurance, but stressed there was still a long way to go.
- During panel two, Mr Tritak gave an overview of the Critical Information Assurance Office and its efforts to assure the nation's critical information infrastructure. Dr Lane primarily

spoke about Research and Development for infrastructure protection as related to the civil, vice military, sector.

- Third panel discussions centered on service activities and steps the DoD was undertaking to enhance information assurance. The service representatives gave their service perspectives on information superiority and assurance and were questioned by members on the adequacy of funding provided to help reach service and DoD goals.

Opening Statements

- **Chairman Weldon** expressed his concern that the Administration was not putting enough emphasis on cyberterrorism/attack
 - Mentioned that in each of the last 5 years, Congress has plussed up Info Assurance above and beyond the President's budget request.
- Expressed his concern over massive data mining and profiling in addition to cyberterrorism.
- **Chairman Bateman** expressed his concern that the Navy-Marine Corps Intranet (NMCI) was an expensive program that had not been authorized nor appropriated by Congress.
 - Stating that the funds to pay for NMCI were coming out of O&M funds, he wanted to know what accounts were going to be "hit" and what impact that would have on Navy and Marine Corps readiness.
- **CM Ortiz** echoed CM Bateman's concern over NMCI and said he too wanted to see from where the funds would be coming to pay for NMCI.

Witness Statements

- **Mr. Tritak:**
 - Discussed the national plan for information systems protection, focusing on cyber attack and defense issues.
 - Discussed the Federal Cyber Security Service training initiative (described as a sort of ROTC for cyber specialists)
 - \$25M program to help solve information technology personnel shortages
- **Dr Lane:**
 - Spoke about the need for additional R&D with respect to information assurance.
 - Focused on his job to help coordinate R&D efforts among Government agencies and how they could aid the civil sector
- **Mr Money** passed on his opening statement.
- **Lt Gen Woodward:**
 - Thanked the committees for the work they have done in this important area
 - His focus is on the joint and coalition warfighter
 - Spoke of the importance of the Global Information Grid

- Defense in Depth: info assurance is everyone's responsibility; vulnerability is everyone's problem
- Stressed interoperability for information assurance
- **LG Campbell**
 - Army is totally committed to information assurance
 - Digitization is critical, we are dependent on it and it needs to be secure.
 - Don't have the R&D to get the tools we need to detect sophisticated intruders.
- **RADM Mayo**
 - Information Technology-21 (IT-21) vital during Operation Allied Force
 - Wants to bring the benefits of IT-21 to the rest of the Navy
 - Said NMCI was very important to the Department of the Navy
 - Information sharing in the Navy today is incoherent
 - NMCI will give them coherent, end-to-end information sharing
 - NMCI urgency is because of security concerns
- **BG Shea**
 - Importance of assuring Marine Corps information stores
 - Need a greater ability to detect intrusion; a robust intrusion detection architecture
 - Have developed a new enlisted MOS for information operations and security
 - The threat is expanding and we can't afford to become complacent
- **Lt Gen Donahue**
 - Said the Air Force is doing a lot of good things in the area of information assurance, but we still need to do more
 - IW is real and we need to be prepared for it
 - Need to put some more teeth into our laws
 - If there is more top line funding, we can use it; comms infrastructure is #3 on the Air Force UPL

Key Comments, Questions, and Answers

- **Chairman Weldon**
 - Is there an NIE out there concerning cyberterrorism/attack? Mr Money said there was not and that one was absolutely needed. Mr Money said he would take up the requirement for an NIE with the intelligence community.
 - Pleased with the establishment of the Federal Cyber Security Service. Said we need to do whatever we can to ensure the military has experts that don't get sucked out by private industry. Mr Money said that DoD was looking into perhaps instituting some type of skill pay increase for cyber experts.
 - If we came up with more money could you use it, and will you give us a prioritized list of what you would spend it on after the hearing?
 - LTG Campbell - Yes we could use more money. Yes we will provide you a prioritized list. I can tell you now we need more R&D and more bandwidth.
 - RADM Mayo - Yes. Yes, we will give you a list, but IT-21 needs \$100M and NMCI needs \$200M.

- BG Shea - Yes. Commandant's UPL provides details
- Lt Gen Donahue - Absolutely yes. Yes we will provide a list, and let me second LTG Campbell's request for more bandwidth. Communications infrastructure is #3 on the AF UPL.
- Lt Gen Woodward - Yes. We need money for modeling and simulation, for more bandwidth, info assurance, enterprise level solution sets, COTS based products with security built in, IDS with interpretive and analysis capabilities.
- Mr Money - First thing, support the President's budget. We've balanced across the board the best we can. The money is not enough - we need to move out faster and more money will help us do that. Top priorities: last 400 feet, fragile networks, PKI, cyber attack sensing and warning, secure wireless.
- Can you give me a ballpark amount? Mr Money replied that the absolute minimum was \$250M, but that we really could use \$1B.
- Do you have any legislative suggestions?
 - Lt Gen Woodward - Really need to work the legal aspects of punishment. We need to protect our military spectrum.
 - Mr Money - Protect our spectrum. Solar Sunrise showed that wiretapping regulations are too slow.
- **CM Smith**
 - Asked what Mr Money thought of NMCI. Mr Money replied that he supports what the Navy is doing.
- **CM Andrews**
 - Asked Mr Money if he thought there was value in a tech institute for military information technology. Mr Money responded affirmatively.
 - Said he believes DoD was ahead of the curve in dealing with offensive and defensive IW and he thinks we have a problem deciding how the private sector fits in. Interested in how we might accommodate civil liberties and constitutional protection while providing for information defense. Mr Money replied that DoD is terribly dependent on the civil sector and that we would like them to be equally protected. He further stated that we are operating under arcane laws and regulations and this needs to be addressed.
 - Civil information assurance is a cost that needs to be shared in some reasonable manner and not put solely on the shoulders of the private sector.
 - If all went optimally, when could a contract be let for NMCI? RADM Mayo said Jun 00 is the target.
- **CM Bateman**
 - Discussed MOA that he had received from that Navy that very day on NMCI. Said he is looking forward to hearing from the Navy on how they are going to pay for NMCI (i.e., what accounts they plan on pulling money from). RADM Mayo said he wants to be responsive to the committees's concerns and he will provide a formal, written response.
- **CM Pickett**
 - Asked Mr Money if the NMCI might be implemented across DoD. Mr Money replied that it might after we look at the business case results. No final decision yet.

- Does C3I allocate money? Mr Money said no; the Services do it, but we work together to make sure priorities match up. He added that he should not be the person who passes out the money for these activities.

Hearing concluded at 1810